

REMARKS

Claim 1 is pending in the Application. In the Office Action mailed on November 29, 2001, the Examiner rejected Claim 1 under 35 U.S.C. §102 as being anticipated by Henriksson (U.S. Patent No. 5,128,965). The Applicants respectfully traverse the Examiner's rejection.

The Applicants respectfully submit that Henriksson teaches the adjusting of the transmission energy at a transmitter in accordance with a control signal from a receiver. The receiver determines S_{mp} , S_{min} , S_{err} bit values (which describe the condition of a signal received at the receiver), multiplexes these values into a control signal, and sends the control signal to the transmitter. (Col. 3, lines 56 – 59.) The transmitter sets transmission power levels according to an interpretation of the information in that particular control signal. (Col. 4, lines 4 – 64, *also* FIG. 2)

In contrast, the instant claim has a feature that is not taught by Henriksson. The instant claim teaches the adjusting of the transmission energy of a communication station in accordance with a power control step size and a closed loop power control command from a second communication station. Hence, the adjusting is a two-command process; the transmission energy of the communication station is adjusted by a power control step size after receiving the propagation path characteristic, and then changed again by the closed loop power control commands, which are used in the instant Application to compensate for the delay implicit in the transmission of feedback information. Henriksson teaches the transmission of a control signal that describes the channel condition and does not teach closed loop power control commands.

The Applicant has amended Claim 1 to more clearly describe the above-described feature. The Applicant has also added new claims to the Application and respectfully submits that no new matter has been added in these claims.


REQUEST FOR ALLOWANCE

In view of the foregoing, Applicants submit that all pending claims in the application are patentable. Accordingly, reconsideration and allowance of this application is earnestly solicited. Should any issues remain unresolved, the Examiner is encouraged to telephone the undersigned at the number provided below.

Respectfully submitted,

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APPENDIX A

1. (amended) A method for controlling transmission energy of a communications station, comprising:

determining a characteristic of a propagation path between said communication station and a second communication station;

adjusting said transmission energy of said communications station in accordance with [selecting] a power control step size [in accordance with] corresponding to said characteristic of the propagation path;

receiving closed loop power control commands at said communication station;
and

subsequently modifying [adjusting] said adjusted transmission energy of said communications station in accordance with said closed loop power control commands [and said power control step size].